Agilent 3200EA Electrode Holder
电极支架

Operating Guide
用户手册

Agilent Technologies

Notices

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CAUTION

A **CAUTION** notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a **CAUTION** notice until the indicated conditions are fully understood and met.

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Introduction

The 3200EA Electrode Holder

3200EA Electrode Holder accessory can support up to five electrodes or probes during analysis and measurement tasks. The accessory consists of a base and a flexible arm with two double-rockers. This construction provides the ability to keep the electrode holder horizontal at any height. The Electrode Holder accessory includes five (5) 16.5 mm diameter holes for holding electrodes or probes.

3200EA Electrode Holder is suitable for holding electrodes in laboratories of factories and academic organizations. The holder is especially useful to support measurement electrodes (pH, DO, temperature, and so forth) used with Agilent 3200 series meters and a stirrer (for example the Agilent 3200SA Stirrer).

Agilent customer portal

Agilent also provides customized information for the products you own through a customer portal. This web service provides many customizable services as well as information related directly to your Agilent products and orders. Log onto the portal at http://www.agilent.com/chem.

What's in the Kit

Agilent provides any necessary special tools needed for installation. The electrode holder shipping case includes:

- 3200EA Electrode holder base
- 3200EA Flexible arm

Installing the 3200EA Electrode Holder

1. Open the 3200EA Electrode Holder shipping case.
2. Remove the electrode holder base, flexible arm, and other parts.

3. Place the electrode holder base onto a stable, clean, dry, and non-slip table surface.
4. Insert the flexible arm into the base as shown in Figure 1.

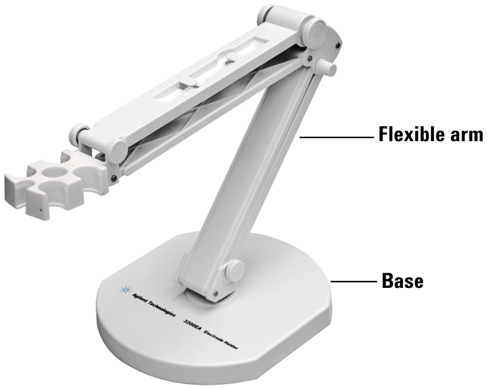

Figure 1 Installing the flexible arm into the base

5. Secure the arm to the base by tightening the setscrew at the bottom of the arm. See Figure 2.

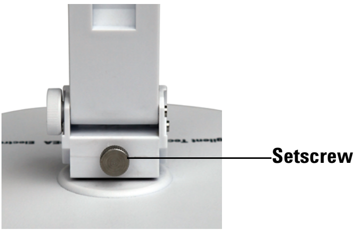

Figure 2 Securing the arm to the base

Positioning the Flexible Arm

First adjust the overall height by moving the lower arm, then level the upper arm. Refer to Figure 3.

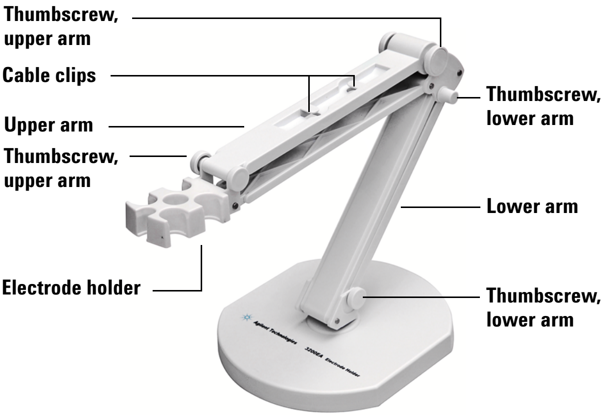

Figure 3 Flexible arm adjustment controls

To adjust the overall height, loosen the large and small thumbscrews on the lower arm. Move the lower arm to the desired position, then tighten the thumbscrews.

To level the upper arm, loosen the large and small thumbscrews on the upper arm. Move the upper arm to the desired position, then tighten the thumbscrews.

Rotating the flexible arm: The flexible arm normally rotates 360 degrees in the base. If needed, loosen the setscrew. See Figure 2 on page 4.

Installing electrodes/probes: Slide the electrode into the electrode holder. Route the electrode/probe cable under the clips in the upper arm. If needed for measurement, loosen the

thumbscrews in the upper arm and adjust the electrode holder slightly to put the electrode/probe(s) into the sample solution. Tighten the thumbscrews.

CAUTION Do not completely remove thumbscrews when adjusting the flexible arm’s position.

CAUTION Do not move the flexible arm if the thumbscrews are tight. Always loosen the thumbscrews before moving the flexible arm. Otherwise, the movement can damage the screw or arm threads.

CAUTION When using the electrode holder with a stirrer, keep the electrode/probe far enough from the stirrer to avoid damage.

For more information and for related supplies, contact your local Agilent distributor or log onto the Agilent website at: http://www.agilent.com.

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声明

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概述

使用说明

3200EA 型电极支架是用来安装各种不同电极的固定装置，它系二个双摇杆机构合成，保证电极安装架的平面在电极支架各个位置始终保证水平面位置。在电极安装架上有 5 个 ∅16.5 孔供用户安装电极。

3200EA 型电极支架适用于工厂、学校等实验室进行测量时对电极的固定，特别适用搅拌测量时对电极的固定。

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http://www.agilent.com/chem。

安装

安装所需的工具和部件

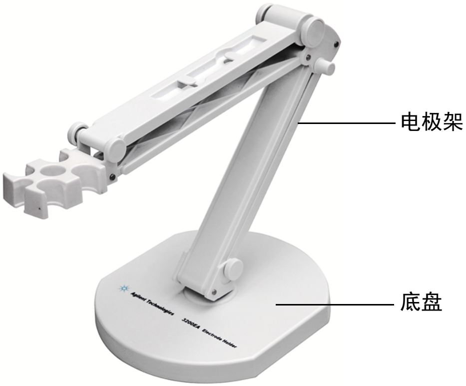
Agilent 提供安装所需的所有专业工具，在电极支架装运包装箱中可找到以下部件：

- 3200EA 底盘
- 3200EA 电极支架

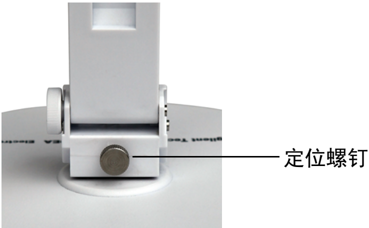
电极支架的安装

打开 3200EA 型电极支架包装，取出电极支架及支架底盘。

- 在一个平稳干净的、干燥防滑的平整台面上安装电极支架。按下图将电极支架插入底盘。



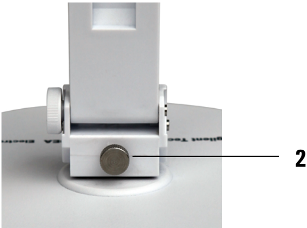
- 顺时针旋紧电极支架后面的定位螺钉



使用方法

按图逆时针旋松大旋钮 （3）和小旋钮 （5）使二个旋钮松动，移动电极支架调节杆 （4）于适当位置并顺时针旋紧大旋钮 （3）和小旋钮 （5）；逆时针旋松大旋钮 （6）和小旋钮 （8）使二个旋钮松动，移动电极架调节杆 （7）于适当位置并且使安装架 （9）保持水平位置，然后顺时针旋紧大旋钮 （6）和小旋钮 （8）。

根据使用要求，旋松定位螺钉 （2），电极安装支架可绕底盘上的立轴作 360° 旋转



将电极置入安装架 (9) 的合适孔内，并将电极的导线置入调节杆 (7) 线夹内。再旋松大旋钮 (6)，微量调整电极安装架位置，使电极置入盛有被测溶液的容器中，并旋紧大旋钮 (6)。

注意事项

- 使用调节时，大旋钮和小旋钮不能旋离电极支架
- 在安装调节时必须逆时针旋松大旋钮 (3)、大旋钮 (6) 和小旋钮 (5)、小旋钮 (8)，以免损坏旋簧。
- 在搅拌测量时，应保证电极与搅拌棒的距离，否则搅拌时会损坏电极。

如需购买，请与安捷伦经销商联系或者登陆安捷伦官方网站。

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